43-985.fm Page 1 Monday, August 16, 1999 5:08 PM

Cat. No. 43-985/8

OWNER'S MANUAL

Please read before using this equipment.

System 200

64-Memory Caller ID with Message Waiting

RadioShack®

RadioShack™

Warning: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

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This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

This system has been tested and found to comply with all applicable UL and FCC standards.

FEATURES

Your RadioShack System 200 64-Memory Caller ID with Message Waiting is the latest in telephone technology. The system displays the caller's telephone number (and name, if available in your area) and the current date and time.

The system stores and displays up to 64 single (number only) or multiple (name and number) Caller ID records.

Your System 200 includes these features:

New Call Counter — displays the number of new calls you have received.

DELETE Button — lets you erase Caller ID records one at a time or all at once.

Contrast Control — lets you adjust the display's contrast to suit your preference.

Time and Date Display — displays the current time and date as provided to Caller ID service subscribers by your local telephone company.

Message Waiting — appears when you have received a voice mail message (if you subscribe to the message waiting service from your local phone company).

Two-Line Liquid Crystal Display — makes it easy to see the caller information and the current time and date all at once.

REVIEW Buttons — let you easily scroll through all records in Caller ID memory.

Easy Installation — the system easily connects to your telephone line so you can quickly begin using it.

Mounting Options — you can place the system on a desk, shelf, or table, or mount it on a wall.

Note: You need four AAA batteries (not supplied) to power the System 200.

We recommend you record the system's serial number here. The number is on the system's bottom panel.

Serial Number: _____

Important Information:

- To use this system, you must be in an area where Caller ID service is available, and you must subscribe to the service.
- Your system displays the caller's name only if this feature is available in your area and you subscribe to it.

FCC INFORMATION

We have designed your System 200 to conform to federal regulations, and you can connect it to most telephone lines. However, each Caller ID system (and each device, such as a telephone or answering machine) that you connect to the telephone line draws power from the line. We refer to this power draw as the system's *ringer equivalence number* or REN. The REN is on the label on the bottom of the system.

If you use more than one telephone or other device on the line, add up all of the RENs. If the total is more than five, your telephone might not ring. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove a device from the line.

Your system complies with Part 68 of *FCC Rules*. You must, upon request, provide the Federal Communications Commission (FCC) registration number and the REN to your telephone company. These numbers are on the label on the bottom of the system.

Note: You must not connect your System 200 to:

- Coin-operated systems
- Party-line systems
- Most electronic key telephone systems

In the unlikely event that your System 200 causes problems on the phone line, the phone company can temporarily disconnect your service. If this happens, the phone company attempts to notify

you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this system. The phone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

This system complies with the limits for a Class B digital device as specified in Part 15 of *FCC Rules*. These limits provide reasonable protection against radio and TV interference in a residential area. However, your System 200 might cause TV or radio interference even when it is operating

properly. To eliminate interference, you can try one or more of the following corrective measures:

- Reorient or relocate the receiving radio or TV antenna
- Increase the distance between the System 200 and the radio or TV
- Use outlets on different electrical circuits for the System 200 and the radio or TV

Contact your local telephone company or RadioShack store if the problem continues.

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PREPARATION

INSTALLING BATTERIES/ SETUP

You need four AAA batteries (not supplied) to power the system. For the longest operation and best performance, we recommend alkaline batteries, such as RadioShack Cat. No. 23-558.

Cautions:

- Always use fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

Follow these steps to install batteries and program the system.

Note: When replacing the batteries, if you do not install the new ones within 1 minute, the system's date and time will be lost (the Caller ID information, however, stays stored in the system's memory).

1. If you are replacing the batteries, unplug both modular line cords from the back of the system.
2. Use a Phillips screwdriver to remove the battery compartment screw on the bottom of the system, then slide the cover off in the direction of the arrow on the cover's door.

ILLUSTRATION

3. Put four fresh AAA batteries into the compartment as indicated by the polarity symbols (+ and –) marked inside.

ILLUSTRATION

4. Turn the system over so you can see the display. After you install batteries, the system displays **HA640 REV 2.0** (information about the system's software), then **SET LANGUAGE**, then **ENGLISH** (the default display language) for about 45 seconds.

5. To select another language, repeatedly press **REVIEW ▲**. The display cycles through **FRENCH**, **SPANISH**, and **ENGLISH**.

   Note: If you do not press any key within 45 seconds after pressing **REVIEW ▲**, the system automatically selects English.

6. Press **REVIEW ▼** to store the selected language. **000** and **SET AREA CODE** appear. The first **0** flashes.

7. Within 45 seconds, repeatedly press **REVIEW ▲** until the first digit of your area code appears, then press **REVIEW ▼** to enter the digit. The second **0** flashes.

8. Repeat Step 7 to set the second and third digits of your area code.

Notes:

- If you make a mistake while setting the area code, press **DELETE**. The cursor moves to the first digit of the area code. Then repeat Steps 7 and 8 to reset the area code.
- If you do not press any key within 45 seconds in Steps 7 or 8, the area code is au-

tomatically set by signals sent from the phone company with the first incoming call.

When you enter the area code's last digit, the system displays **12:00AM 1/01**.

Note: The telephone company sends the correct time with each incoming call, so the correct date and time are automatically set when the system receives its first call.

9. Replace the battery cover and the screw. If you are replacing the batteries, reconnect the phone line and the phone.

To reset the language, remove the batteries and reinstall them.

When flashes in the upper right corner of the display or the display dims, replace the batteries.

Cautions:

- Always remove old or weak batteries. Batteries can leak chemicals that can damage your system.
- Dispose of dead batteries promptly and properly; do not bury or burn them.

ADJUSTING THE DISPLAY CONTRAST

Note: You can adjust the display contrast only when the current time and date are showing.

To increase the display contrast, hold down **DELETE/READ** while repeatedly pressing **REVIEW ▲**.

To decrease the display contrast, hold down **DELETE/READ** while repeatedly pressing **REVIEW ▼**.

ILLUSTRATION

Note: Do not hold down **DELETE/READ** without also pressing one of the **REVIEW** keys. That erases call records from memory.

CONNECTING THE SYSTEM

Connecting to a Phone

ILLUSTRATION

1. Disconnect the telephone's line cord from the modular wall jack and plug it into the system's **PHONE** jack.
2. Plug one end of the supplied line cord into the system's **LINE** jack.
3. Plug the other end of the cord into the modular wall jack.

Connecting to an Answering Machine

ILLUSTRATION

1. Disconnect the cord that connects your answering machine to your phone line from the modular wall jack. Then plug it into the system's **PHONE** jack.
2. Plug one end of the supplied line cord into the system's **LINE** jack.
3. Plug the cord's other end into the modular wall jack.

4. Set your answering machine to answer after two or more rings. This gives the System 200 time to record call information that the phone company sends between the first and second rings.

Note: Some answering machines block Caller ID information from the System 200. If this happens, you might have to disconnect the answering machine.

MOUNTING THE SYSTEM

You can place the System 200 directly on a desk, shelf, or table, or mount it on a wall using the supplied mounting bracket and screws.

Follow these steps to mount the system on a wall.

1. Select a location near the phone line jack. Then, using the round holes in the mounting bracket as a template, mark the mounting screw locations on the wall.
2. Drill two 1/8-inch holes in the wall at the marked locations.

   Note: If needed for extra support, wall anchors are also supplied.
3. While holding the bracket against the wall, thread a screw through each hole, then tighten the screws.

ILLUSTRATION

4. Align the slots on the back of the system with the hooks on the bracket. Then gently push the system down on the bracket to secure it.

ILLUSTRATION

To remove the system from the bracket, press up on the bottom of the system until it snaps off of the bracket.

OPERATION

RECEIVING CALLS

Caller ID is a service provided by your telephone company. When you subscribe to this service, the telephone company sends the caller's telephone number (and name, if available) and the call's date and time between the first and second rings. The system receives and displays this information for each call (see "Displayed Call Information" on Page 31) and updates the display with the current date and time.

If the system has received a call since the last time call records were reviewed, the NEW CALL indicator flashes, **NEW CALL** flashes on the display, and the call information appears. After 20 seconds, the system returns to the date and time display.

ILLUSTRATION

Note: If you have a phone that has a hold feature, we do not recommend using hold for very long. The Caller ID information sent by the phone company might disconnect a caller on hold if a new call comes in.

REVIEWING CALL RECORDS

Each time you receive a call, your system saves a call record in memory that you can review later, even while you are on the phone. Your system saves up to 64 call records, then (for subsequent calls) it replaces the oldest call record with each new one.

A stored call record includes:

- Call number (order the call is received)
- Time and date of the call
- Caller's telephone number (if available)
- Caller's name (if available)

Follow these steps to review the call information.

1. Repeatedly press **REVIEW** ▲ or ▼ to see the individual call records. The system displays the phone number (and the name, if available).
2. To see the date, time, and number of the call, press **READ/DELETE**.
3. To see call information for the next or the previous call, press **REVIEW** ▲ or ▼.

Notes:

- **END OF NEW CALL** appears after all new call records.
- **- - END - -** appears after the last call record.

- The system automatically returns to the current date and time about 20 seconds after you press any button.

Displayed Call Information

The system can display the following information:

Display (English, French, Spanish)	Description
NEW CALL XX (all languages)	Appears the first time you review a new call record. **XX** is the number of new calls.

Display (English, French, Spanish)	Description
-PRIVATE CALL- **APPEL PERSONNEL** **LLAMADA PRIVADA**	The caller has blocked the Caller ID information from being sent.
--END-- **--FIN--** **--FIN--**	Appears when you reach the end of your call records. Press the other **REVIEW** key to see them again.

Display (English, French, Spanish)	Description
----ERROR----- ----ERREUR----- ----ERROR-----	Appears if the Caller ID information was garbled, or if there was an error during the transmission of Caller ID information. A - appears in the call record where the data is lost.
NO CALLS **AUCUN APPELS** **NO LLAMADAS**	Appears if there are no call records in the system's memory when you press a **REVIEW** key.

Display (English, French, Spanish)	Description
MESSAGE WAITING **MES. EN ATTENTE** **MENSAJE ESPERA**	Appears when a message is waiting (if you subscribe to your phone company's message waiting service).
-OUT OF AREA- **-HORS ZONE-** **-FUERA DE AREA-**	Appears if the caller is not within a Caller ID service area. No caller information appears.
END OF NEW CALL **FIN D'APPEL** **FIN DE LLAMADA**	Appears after the last new call record.
REPEAT CALL XX **APPEL REPETE XX** **REPETIDA XX**	Appears if you have received calls from the same phone number more than once.

DELETING CALL RECORDS

Deleting a Single Call

1. Repeatedly press either **REVIEW** key until the call you want to delete appears.
2. Hold down **DELETE/READ**. The call information flashes, then **--END--** appears and the call information is deleted.

Once you delete the call information, you cannot retrieve it. If no other calls are stored, **NO CALLS** appears.

Note: The system returns to the time/date display after 20 seconds if you do not press a key.

Deleting All Calls

1. Press **REVIEW** ▲ or ▼ to review all call records.
2. From the current date and time display, hold down **READ/DELETE** until the display flashes for 4 seconds and **NO CALLS** appears, indicating all calls are deleted. Then the system returns to the current date and time display.

TROUBLESHOOTING

If your system is not working as it should, these suggestions might help you eliminate the problem.

Problem	Suggestions
Blank screen	Adjust the contrast as described in “Adjusting the Display Contrast” on Page 19.
	Replace or reinstall the batteries as described in “Installing Batteries/Setup” on Page 13.
You have an incoming call, but do not receive any Caller ID information.	Someone picked up a telephone on the same phone line before the system recorded the call record. This is not a malfunction.
	No data was sent by the phone company with the call (**-NO DATA SENT-** appears).

CARE AND MAINTENANCE

Your RadioShack System 200 64-Memory Caller ID with Message Waiting is an example of superior design and craftsmanship. The following suggestions will help you care for your system so you can enjoy it for years.

Keep the system dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.

Use and store the system only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.

Keep the system away from dust and dirt, which can cause premature wear of parts.

Handle the system gently and carefully. Dropping it can damage circuit boards and cases and can cause the system to work improperly.

Use only fresh batteries of the required size and type. Batteries can leak chemicals that damage your system's electronic parts.

Wipe the system with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the system.

Modifying or tampering with the system's internal components can cause a malfunction and might invalidate your system's warranty and void your FCC authorization to operate it. If your system is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is affecting the telephone lines, the phone company can ask you to disconnect your system until you have resolved the problem.

LIGHTNING

Your system has built-in protection circuits to reduce the risk of damage from surges in telephone and power line current. These protection circuits meet or exceed the FCC requirements. However, lightning striking the telephone or power lines can damage your system.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug the telephone system during storms to reduce the possibility of damage.

NOTES

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

(continued)

(continued) In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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9A7 Printed in Malaysia

RadioShack
A Division of Tandy Corporation
Fort Worth, Texas 76102

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